NFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

FORM 1449*

Application Number:

10/622,274

Docket Number:

Applicant: KLIPPEN ET AL.

14377.1US01

JAN 1 0 ZOO				Filing Date: 07/17/2003 Group			Art Unit: 3761		
FILE PRADENT									
TRADE		U	.S. PATENT DOCU	MENTS	3			·	
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME		CLASS	SUB	CLASS		G DATE ROPRIATE
MC	4,594,835	06/17/1986	Gray						
	5,986,165	11/16/1999	Moder et al.						
	2002/0117419 A1	08/29/2002	Tippey et al.						
NV	6,475,199 B1	11/05/2002	Gann et al.		1				
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	DOCUMENT NO.	DATE	COUNTRY	т	CLASS	CLIDA	CLASS	TRANI	SLATION
	DOCUMENT NO.	DATE	COUNTRY		CLASS	308	CLASS	YES	NO
MC	0 354 172 A1	02/07/1990	EP		1		1	123	x
1	1 400 223 A1	03/24/2004	EP			-		 	x
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	4-339724	11/26/1992	JP					х	
MV	2001-114214	04/24/2001	JP					х	
	OTHER	DOCUMENTS	(Including Author, 7	Γitle, Dat	te, Pertinent I	Pages, Et	c.)		

EXAMINER Mikelle & DATE CONSIDERED 2-13-04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

23552

Appl. No. 10/622,274 IDS dated March 30, 2005

Applicant submits that each international and foreign reference that is not translated is listed for what is disclosed in the drawings and figures thereof.

Applicant submits that each international and foreign reference for which a translation is provided is listed for what is disclosed not only in the drawings and figures thereof, but also for what is disclosed in such translation.

Applicant draws particular attention to the following references as being of particular interest to Applicant:

	Reference No.	Inventor	Date &	Translation Provided
ML		Snell	03/04/2003	N/A
1	US 2004/0176735 A1	Snell	09/18/2003	N/A
.	US 2004/0167489A1	Kellenberger et al.	02/14/2003	N/A
.	JP 2002337814A	Kurimoto Hiroshi	11/27/2002	Abstract
	JP 2001114214A	Nakanishi Akira	04/24/2001	Full Translation
	JP 10-095481A	Narawa Mika et al.	04/14/1998	Full Translation
	JP 05-139473A	Masaki Jo et al.	06/08/1993	Abstract
n	JP 04-339724A	Kaneda Takashi	11/26/1992	Full Translation

A copy of Snell provisional application 60/451,433 as filed is included with this submission.

Additionally, Applicant draws particular attention to the following reference, from which the claims in the current application have been copied:

	Reference No. 3 40 5	Inventor 1	Date v.	Translation Provided 1
ML	US 2004/0167490A1	Nelson et al.	12/31/2003	N/A

Michelle & 2-13-06

PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031

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TRADE Stitute for form 1449/PTO

INFORMATION DISCLOSURE

Sheet 1

STATEMENT BY APPLICANT
(Use as many sheets as necessary)

Complete if Known				
Application Number .	10/622,274			
Filing Date	July 17, 2003			
First Named Inventor	Michelle Klippen			
Art Unit	3761			
Examiner Name	Karin M. Reichle			
Attorney Docket Number	1032 004			

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (6 known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
ML		^{US-} 2003-0073970 A1	04-17-2003	Suga	
		^{US-} 2002-0078665 A1	06-27-2002	Salman	
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1.		US- 2004-0168947 A1	09-02-2004	McDonald	
		US- 2004-0172002 A1	09-02-2004	Nelson	
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\neg		US- 2004-0176735 A1	09-09-2004	Snell	
1		US- 2005-0015052 A1	01-20-2005	Klippen	
M		.US- 1,994,135	03-12-1935	Horowitz	1

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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document		Columns, Lines, Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			vant Figures Appear	T ⁶
MU		WO 89/00037	01-12-1989	Froidh			
I^{-}		WO 90/01311	02-22-1990	Rawlings			
T		WO 95/32698	12-07-1995	LaVon			
1		WO 96/41753	12-27-1996	Bauer			
7		WO 97/33815	09-18-1997	Mattiasson			
M u		WO 98/57675	12-23-1998	Kalentun			

Examiner Signature Michelle Grand 2-/3-06

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Substitute for form 1449/PTO

Complete if Known

Application Number 10/622,274

Filing Date July 17, 2003

First Named Inventor Michelle Klippen

Art Unit 3761

(Use as many sheets as necessary)

Examiner Name Karin M. Reichle

(Use as many sheets as necessary)

Examiner Name

Karin M. Reichle

Sheet 2 of 8 Attorney Docket Number 1032,004

U. S. PATENT DOCUMENTS						
xaminer nitials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear	
IN	 -	US- 2,145,137	01-24-1939	Sayers	1	
1	\vdash	US- 2,935,828	05-10-1060	Mahaffy		
-+		US- 3,343,663	09-26-1967	Bradford		
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\top		US- 3,710,797	01-16-1973	Marsan		
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		US- 4,242,854	01-06-1981	Nissen		
\bot		US- 4,265,070	05-05-1981	Mainberger		
		US- 4,286,082	08-25-1981	Tsubakimoto		
<u> </u>	<u> </u>	US- 4,573,608	03-04-1986	Hansen		
MC		^{US-} 4,577,453	03-25-1986	Hofeler		

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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T°.
M	-	WO 99/03436	01-28-1999	Hammons		
T		WO 00/19953	04-13-2000	Tameishi		
		WO 00/19954	04-13-2000	Tameishi		L
. —		WO 01/64156 A1	09-07-2001	Clark		
7		WO 02/085271 A1	10-31-2002	McManus		<u></u>
mu		WO 02/094678 A1	12-28-2002	Kondo		

Examiner Signature	Mich	M	4	_	Date Considered	2-13-06

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Complete if Known Substitute for form 1449/PTO Application Number 10/622,274 Filing Date July 17,2003 INFORMATION DISCLOSURE First Named Inventor Michelle Klippen STATEMENT BY APPLICANT Art Unit 3761 (Use as many sheets as necessary)

Examiner Name Karin M. Reichle Attorney Docket Number 1032.004 Sheet 3 of 8

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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1		US-	104 20 1000		
		US- 4,598,528	07-08-1986	McFarland	
$\neg \tau$		^{US-} 4,630,320	12-23-1986	Van Gompel	
7		US- 4,641,381	02-10-1987	Heran	
1		US- 4,646,362	03-03-1987	Heran	
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1		^{US-} 5,176,668	01-05-1993	Bernadin	· .
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MC		WO 02/096331 A2	12-05-2002	Hirotsu		
1		WO 2005/005276 A1	01-20-2005	Hermansson		
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		EP 1205171 A3	05-15-2002	Otsubo		L
MU		EP 0747295 A1	12-11-1996	Bauer		

Examiner Considered Signature Considered Z-/3-OC

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of 8

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Sheet 4

Complete if Known				
Application Number	10/622,274			
Filing Date	July 17, 2003			
First Named Inventor	Michelle Klippen			
Art Unit	3761			
Examiner Name	Karin M. Reichle			
Attorney Docket Number	1032.004			

Examiner Initials*	Cite No.1	Document Number Public	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	
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			IGN PATENT DOC	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	\prod
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY	, , , , , , , , , , , , , , , , , , ,	Or Relevant Figures Appear	
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		GB 2,277,914 A	11-16-1994	Nakanishi		
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T		JP 11-113956 A (Abstract)	04-27-1999	Moriura		V
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Examiner Signature Michelle & Date Considered 2-13-06

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Attorney Docket Number

Sheet 5

U. S. PATENT DOCUMENTS Examiner Cite **Document Number** Publication Date Name of Patentee or Pages, Columns, Lines, Where MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Number-Kind Code^{2 (8 known)} Figures Appear US- 6,079,562 ML 06-27-2000 Bauer ^{US-} 6,116,781 09-12-2000 Skeens US- 6,260,211 B1 07-17-2001 Rajala US- 6,264,972 B1 07-24-2001 Drury ^{US-} 6,297,424 B1 10-02-2001 Olson ^{US-} 6,316,687 B1 11-13-2001 Davis US- 6,387,085 B1 05-14-2002 Van Gompel US- 6,408,872 B1 Skeens 06-25-2002 ^{US-} 6,423,045 B1 Wise 07-23-2002 US- 6,443,938 B1 Vogt 09-03-2002 US- 6,458,110 B1 Lavon 10-01-2002 US-^{US-} 6.497,692 B1 Tameishi 12-24-2002 US- 6,575,191 B2 06-10-2003 Skeens US- 6,575,947 B1 06-10-2003 Tameishi US- 6,581,641 B2 06-24-2003 Skeens Rivett US- 6,630,237 B2 10-07-2003 US- 6,634,384 B2 10-21-2003 Skeens US- 6,723,080 B2 04-20-2004 Habib

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Considered Signature *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language

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Application Number 10/622,274

Filing Date July 17, 2003

First Named Inventor Michelle Klippen

Art Unit 3761

STATEMENT BY APPLICANT
(Use as many sheets as necessary)

Sheet 6 of 8 Attorney Docket Number 1032.004

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		US- 3,537,226	11-03-1970	LeVan	
		US- 3,716,961	02-20-1973	Cope	
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Examiner Signature Date Considered 2-13-06

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Sheet 7

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/622,274				
Filing Date	July 17, 2003				
First Named Inventor	Michelle Klippen				
Art Unit	3761				
Examiner Name	Karin M. Reichle				
Attorney Docket Number	1032,004				

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mu		GB 2,258,206 A	02-03-1993	Heidl		

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Sheet 8

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/622,274	_			
Filing Date	July 17, 2003				
First Named Inventor	Michelle Klippen				
Art Unit	3761				
Examiner Name	Karin M. Reichle				
Attomey Docket Number	1032.004	J			

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Date Examiner Considered

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Substitute for form 1449/PTO		Complete if Known		
	Application Number	10/622,274		
INFORMATION DISCLOSURE	Filing Date	July 17, 2003		
STATEMENT BY APPLICANT	First Named Inventor	Michelle Klippen		
(Use as many sheets as necessary)	Art Unit	3761		
(000 to many anders as necessary)	Examiner Name	Karin M. Reichle		
Sheet 1 of 1	Attorney Docket Number	1032.004		

	NON PATENT LITERATURE DOCUMENTS	
Cite No.1	Include name of the author (in CAPITAL LETTERS); title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	SNELL, U.S. Provisional Patent Application No. 60/451,433, filed March 4, 2003	
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	Cite No.1	No. the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

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Commissioner for Patents. P.O. Box 1450, Alexandría, VA 22313-1450. Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO **Application Number INFORMATION DISCLOSURE** Filing Date July 17, 2003 STATEMENT BY APPLICANT **First Named Inventor** Klippen et al. Art Unit 3761 (Use as many sheets as necessary) Examiner Name Karin M. Reichle Sheet **Attorney Docket Number** 1032,004 · of

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
M		Translation of Narawa et el., Japanese Patent Application JP 10-95481 (translation performed by Jinhee Na, CICS Language Solutions, Inc.).	

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considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional).
2 Applicant is to place a check mark here if English language Translation is attached.

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Sheet 1

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many shoots as necessary)

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10/622,274 Filing Oate July 17, 2003 First Named Inventor Michelle Klippen finU hA Examiner Name Karin M. Reichle Attorney Docket Number 1032.004

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Date

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Approved for use through 07/31/2005 OMB 0051-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Peperwus Reduction Act of 1995, no persons are require Substitute for form 1449/PTO		mplete if Known	
	Application Number	10/622,274	
INFORMATION DISCLOSURE	Filing Date	July 17, 2003	• • • • • • • • • • • • • • • • • • • •
	First Named Inventor	Michelle KLIPPEN	
STATEMENT BY APPLICANT	Art Unit	3761	
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Sheet 1 of 1	Attorney Docket Number	1032.004	

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1		US- 4,184,237	01-22-1980	Blankenship	
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Sheet 1

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/622,274				
Filing Date	July 17, 2003				
First Named Inventor	Michelle KLIPPEN				
Art Unit	3761				
Examiner Name	Karin M. REICHLE				
Attorney Docket Number	1032.004				

Examiner	Cito	Decument Market		DOCUMENTS	T 2 21
examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Initiats*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages				
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Examiner Signature	Michelle	lis'	Date Considered	2-13-06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached

Translation is attached.

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INF	ORMATION	I DIS	CLOSURE	Filing Date	July 17, 2003	
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Sheet	1	of	1	Attorney Docket Number	1032.004	

_		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
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Subatitude for form 1449/PTO	Complete If Known			
	Application Number	10/622,274		
INFORMATION DISCLOSURE	Filing Date	July 17, 2003		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	First Named Inventor	Michelle KLIPPEN		
¥ •	Art Unit	3761		
(Use on many sheets as nocessary)	Examiner Name	Karin M. REICHLE		
Sheet 1 of 1	Attorney Docket Number	1032.004		

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xaminer nilials*	Cite No 1	Document Number	Publication Date MM-DD-YYYY	Name of Patenties or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
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